

METHODS AND APPARATUS FOR ARTIFACT  
REDUCTION

ABSTRACT OF THE DISCLOSURE

A method for facilitating a reduction in image artifacts is provided. The method includes receiving data regarding a scan of an object, reconstructing a plurality of images using the received data to form a three-dimensional image space, determining an orientation for a maximum intensity pixel operation, locating the maximum intensity pixels within a plurality of ray paths in accordance with the determined orientation, and filtering around each maximum intensity pixel along each ray path.